

ABSTRACT OF THE DISCLOSURE

The present invention provides methods of inducing
5 immune responses by recombinant antigen-enterotoxin chimeric
mucosal immunogens that contain the A2/B subunits of cholera toxin
or heat-labile type II toxins. These chimeric immunogens
differentially enhance antibody secretion, cytokine production, as
well as B7-dependent co-stimulation of T cells and CD40L expression
10 on CD4⁺ T cells.